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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

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Application Number 10/527,374

Filing Date 03/10/05

First Named Inventor Beckman

Art Unit

Examiner Name

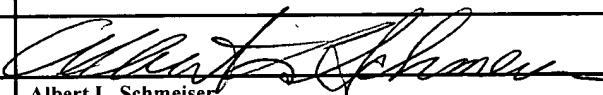
Attorney Docket Number ARIZ.10665

ENCLOSURES (Check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name Schmeiser Olsen & Watts, LLP

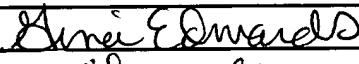
Signature 

Printed name Albert L. Schmeiser

Date November 29, 2005 Reg. No. 30,681

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT PURSUANT TO
37 C.F.R. §§1.97-1.99

PATENT APPLICATION

Applicant: Beckman, James R.

Docket No.: ARIZ-10665

Filed on: 3/10/05

Serial No.: 10/527,374

For: METHOD AND APPARATUS FOR SIMULTANEOUS HEAT AND MASS
TRANSFER UTILIZING A CARRIER-GAS

Mail Stop Application
Commissioner for Patents
Alexandria, VA 22313

Sir:

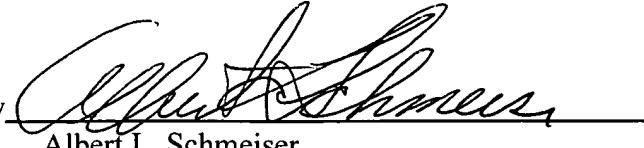
In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.99, Applicant(s) hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO-1449. One copy of each cited document is submitted herewith. Applicant respectfully submits that all pending claims are patentable over the foregoing references, alone or in combination. The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute any of the listed documents as prior art during examination. Further, Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.



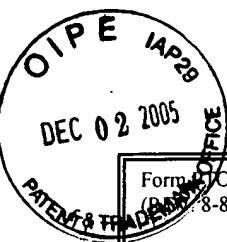
This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits under 37 C.F.R. 1.114.

Respectfully submitted,

By 
Albert L. Schmeiser
Reg. No. 30,681

Date: November 29, 2005

Enclosures: PTO-1449



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (08-83) PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO. ARIZ-10665	SERIAL NO. 10/527,374		
INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				APPLICANT Beckman			
				FILING DATE 03/10/2005	GROUP		
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		1. Furter, William F. Salt Effect in Distillation: A Literature Review II, The Canadian Journal of Chemical Engineering, Vol. 55, June, 1977, pps 229-238					
		2. Furter, William F. Salt Effect in Distillation: A Literature Review II, The Canadian Journal of Chemical Engineering, Vol. 55, June, 1977, pps 23-36					
		3. Guerreri, G. Membrane Alcohol Separation Process - Integrated Pervaporation and Fractional Distillation, Trans IChemE, Vol. 70, Part A, September 1992, pps. 501-508					
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		5. Beckman, James R.; Albers, Walter F. Energy-Efficient Ethanol-Water Fractionation by a Carrier-Gas Method, AIChE Journal, Vol. 37, No. 2, February, 1991, pps 281-284					
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		13. Beckman, James R. Pressurized Industrial Dewvaporation Design CGS Evaporation Pond Water Reclamation Final Report, June 2004, all pages					
		14. Beckman, James R. Innovative Atmospheric Pressure Desalination Final Report, September 1999, all pages					
		15. Beckman, James R.; Ybarra, Michael; Flores, Melvin Staged Carrier-Gas Fractionation Analysis, Unpublished, 1999, all pages					
		16. Beckman, James R.; Ybarra, Michael; Flores, Melvin Staged Carrier-Gas Fractionation Analysis, Unpublished, 1999, all pages					



DEC 02 2005		18. Davis, Andrew R. Laboratory to Industry: Industrialization of the Dewvaporation Process, MS Thesis, Arizona State University, Dec. 2003, all pages
EXAMINER		DATE CONSIDERED
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		